In the Claims:

1.   (Currently Amended) Method for controlling the forwarding quality in a data ~~network~~ network, the method comprising: ~~comprising a measurement manager (104) comprising means for~~

        -performing, by a measurement manager, end-to-end measurements between nodes in said data ~~network~~ network, the end-to-end measurements providing timing information of traffic flowing between the nodes in said data network; ~~and a Network Resource Manager, (NRM) (102) comprising means for~~

        -obtaining, by a Network Resource Manager (NRM), information of [[the]] network topology; ~~topology, the method is characterized in that it comprises the steps of:~~

        ~~-transferring (501)~~ -transferring the obtained information of the network ~~routing~~ topology from the NRM to the measurement manager or transferring a result of the performed end-to-end measurements from [[a]] the measurement manager to the ~~NRM, and~~ NRM;

        ~~-combining (502)~~ -combining said end-to-end measurements and said obtained information of the network ~~routing~~ topology into a first information set; and

        ~~in order to detect~~ -detecting correlated and uncorrelated paths using the first information set.

2.   (Currently Amended) Method according to claim 1, comprising the further step of:
        ~~-combining~~ -combining said first information set with information on data flow presence at individual out-interfaces.

3.   (Currently Amended) Method according to claim 1, comprising the further step of:
        -scheduling the transfer of the obtained information of the network ~~routing~~ topology over

time or initiating the transfer of the obtained information of the network ~~routing~~ topology periodically.

4.   (Previously Presented) Method according to claim 1, comprising the further step of:
        -scheduling the transfer of the result of the performed end-to-end measurements over time or initiating the transfer of the result of the performed end-to-end measurements periodically.

5.   (Currently Amended) Method according to claim 1, comprising the further step of:
        -requesting the transfer of the obtained information of the network ~~routing~~ topology explicitly by a master manager ~~such as a measurement manager~~.

6.   (Currently Amended) Method according to claim 1, comprising the further step of:
        -requesting the transfer of the result of the performed end-to-end measurements explicitly by a master manager ~~such as an NRM~~.

7.   (Currently Amended) Method according to claim 1, comprising the further step of:
        -triggering the transfer of the obtained information of the network ~~routing~~ topology by specific events in a slave manager ~~such as the NRM defined by a master manager such as the measurement manager~~.

8.   (Currently Amended) Method according to claim 1, comprising the further step of:
        -triggering the transfer of the result of the performed end-to-end measurements by specific events in a slave manager ~~such as the measurement manager defined by a master manager such as the NRM~~.

9.   (Currently Amended) A computer program product ~~directly loadable into the internal memory of a computer within one or more nodes in a data network, comprising the software code portions~~ for performing the steps of claim 1<u>, the computer program product having a compute-readable storage medium with a computer program embodied thereon</u>.

10.   (Canceled)

11.   (Currently Amended) Method according to claim 2, comprising the further step of:

      -scheduling the transfer of the obtained information of the network ~~routing~~ topology over time or initiating the transfer of the obtained information of the network ~~routing~~ topology periodically.

12.   (Previously Presented) Method according to claim 2, comprising the further step of:

      -scheduling the transfer of the result of the performed end-to-end measurements over time or initiating the transfer of the result of the performed end-to-end measurements periodically.

13.   (Currently Amended) Method according to claim 2, comprising the further step of:

      -requesting the transfer of the obtained information of the network ~~routing~~ topology explicitly by a master manager ~~such as a measurement manager~~.

14.   (Currently Amended) Method according to claim 2, comprising the further step of:

      -requesting the transfer of the result of the performed end-to-end measurements explicitly by a master manager ~~such as an NRM~~.

15.   (Currently Amended) Method according to claim 2, comprising the further step of:

-triggering the transfer of the obtained information of the network ~~routing~~ topology by specific events in a slave manager ~~such as the NRM defined by a master manager such as the measurement manager~~.

16.   (Currently Amended) Method according to claim 2, comprising the further step of:

-triggering the transfer of the result of the performed end-to-end measurements by specific events in a slave manager ~~such as the measurement manager defined by a master manager such as the NRM~~.